# Summer Student Orientation

## National Institute on Drug Abuse
## Intramural Research Program

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# Mentoring and Training

- Online ethics course (handout & webpage)

- What is a mentor?

- Knowing a good mentor when you meet one

- Seek out more than one mentor

- Communicating your research findings

- Where do you want to be in 3-5 years?

# Conducting Ethical Research

- Documentation of data

- Prohibited research

  - ✓ human fetal tissue

  - ✓ human cloning

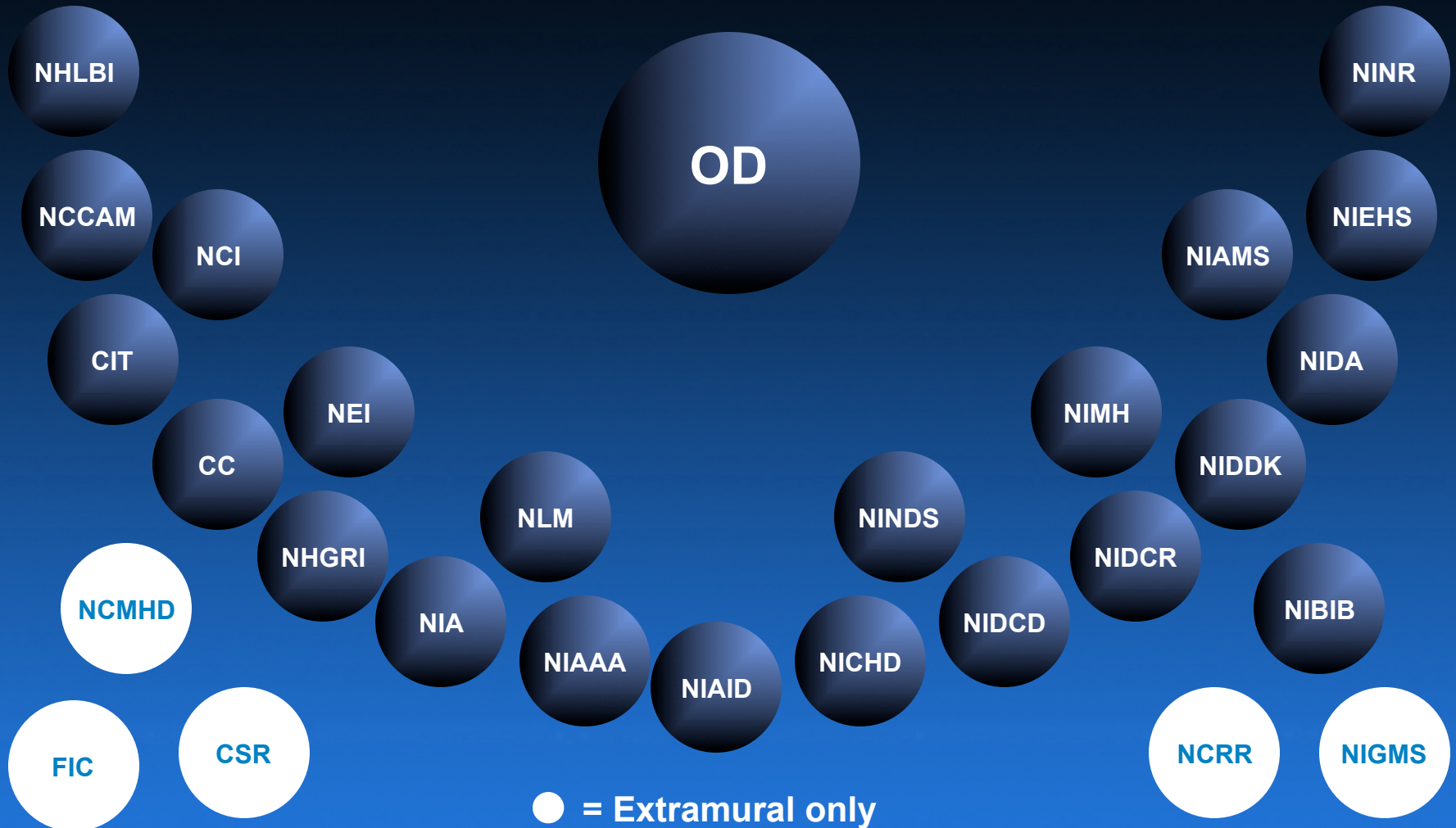- Can't leave with govt. records, equipment
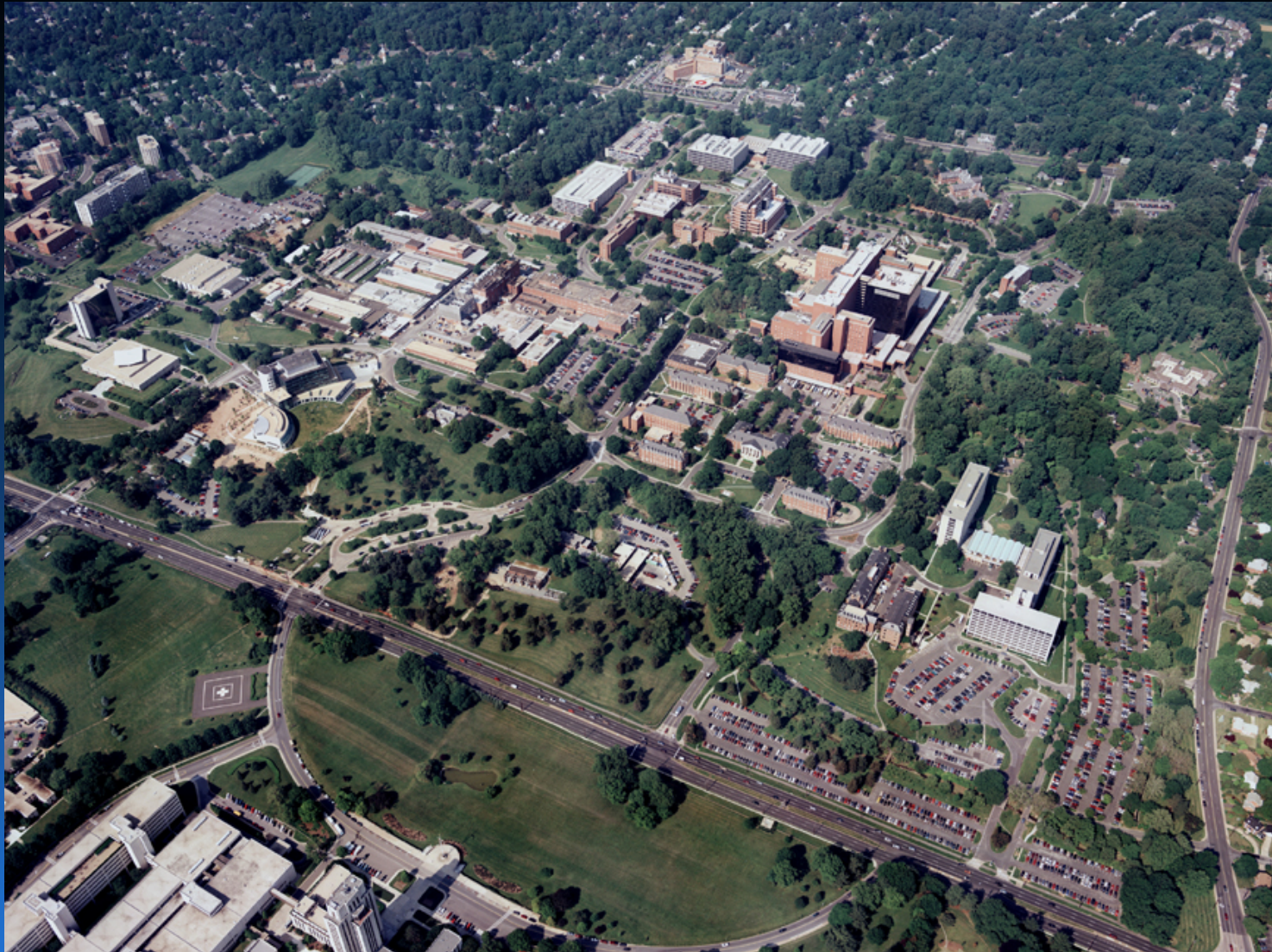
# National Institutes of Health

The mission of the NIH is to uncover new knowledge that will lead to better health by:

- Conducting research in its own laboratories (intramural)

- Providing support for research conducted by scientists in universities, medical schools, and other research institutions throughout the world (extramural)

- Training research investigators

# NIH consists of 27 Institutes and Centers

NIH has 75 buildings on 322 acres in Bethesda, Maryland

National Institutes of Health
Biomedical Research Center
Baltimore, MD

Intramural Research Programs
- NIDA
- NIA

# NIDA Intramural Research Program Research Branches

- Clinical Pharmacology & Therapeutics
- Neuroimaging
- Behavioral Neuroscience
- Integrative Neuroscience
- Molecular Targets & Medications Discovery
- Cellular Neurobiology
- Molecular Neuropsychiatry
- Molecular Neurobiology
- Chemical Biology

# How many researchers are at NIH?

1250 intramural research laboratories

900 summer students

500 postbaccalaureate trainees

100 medical students
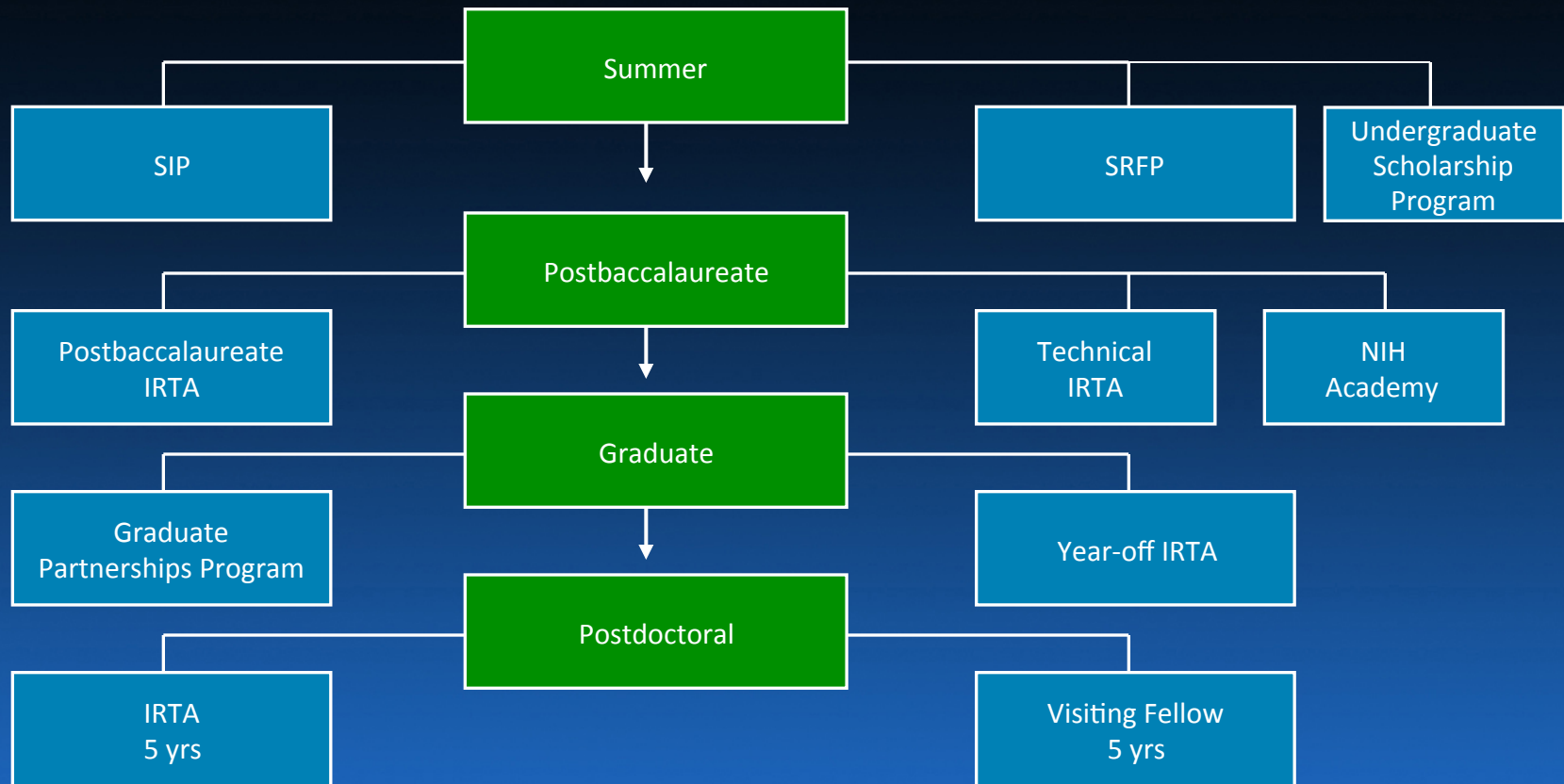
300 graduate students

4,000 postdoctoral fellows

200 staff clinicians

800 staff scientists

300 tenure-track investigators

1,200 senior investigators

# Intramural Training Programs

# Postbaccalaureate Programs

- Postbaccalaureate IRTA – plan to pursue MD or PhD.  Continuous review of applications; eligible for 2 years after Bachelor's degree awarded.  Spend up to 2 years at NIH.  No deadline.

- Technical IRTA – plan to become research support personnel (BS/MS).  No deadline.

- NIH Academy Program – focus on health disparities, fellowship or certificate

# What can you expect?

- Learn scientific skills

- Gain experience in presenting scientific results

- Develop an understanding of the ethics of biomedical research

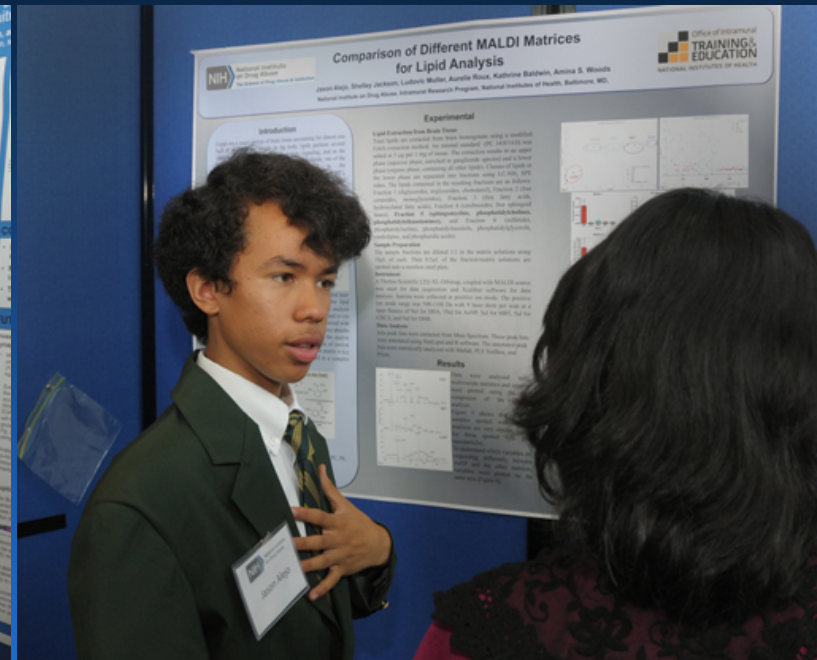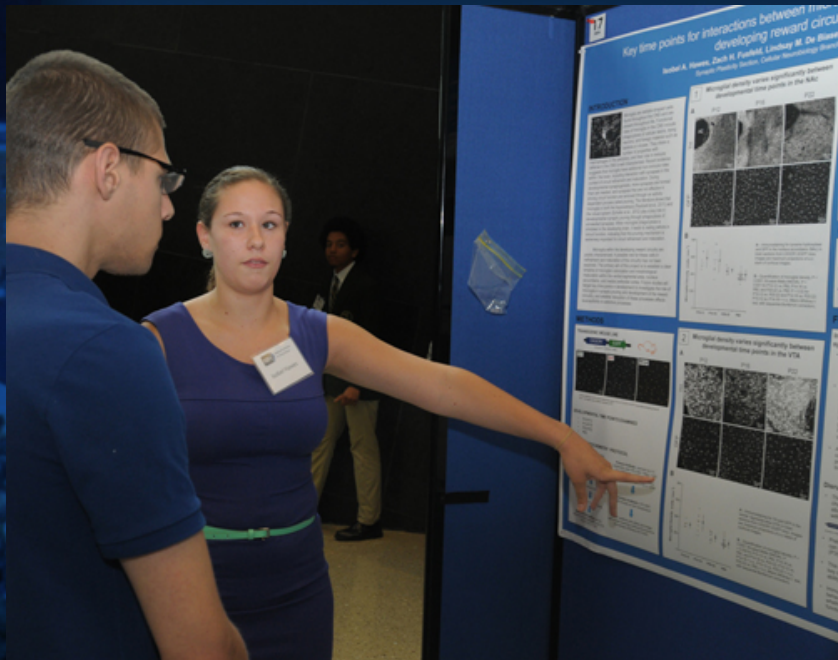- Gain tips on applying to graduate or medical school

# What can you expect?

- Be a member of basic science or clinical research teams

- Receive close mentoring from senior scientists working on the frontiers of biomedical research

# What can you expect?

- Attend lectures and seminars on the latest advances in addiction research

- Present your work at the annual Poster Day

# Useful Web Sites



NIDA IRP:  http://irp.drugabuse.gov

NIDA Training:
http://irp.drugabuse.gov/training.php

NIH IRP:  http://irp.nih.gov

NIH Training:  https://www.training.nih.gov